

# Haitai TaiJi 2.0 flexibility

## HTM380~400MH5-54NT

TOPCon Monofacial high efficiency PV module

**18.91%**

Module Efficiency

### PRODUCT FEATURES



ultra-light



ultra-thin

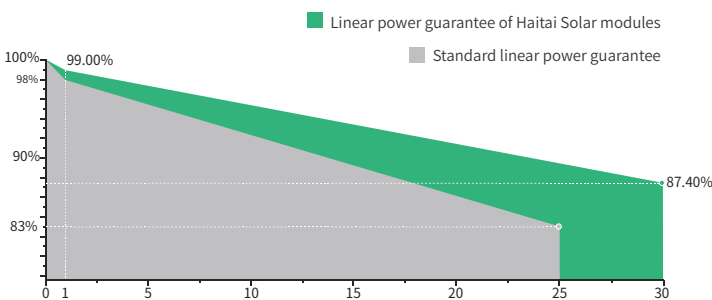


Resistance to bending  
hidden cracks



Strong impact  
resistance

### LINEAR PERFORMANCE WARRANTY



product warranty



linear power warranty



Linear attenuation of 0.40%  
per year within 30 years

### CERTIFICATES

- ISO 9001: 2015 Quality Management System
- ISO 14001: 2015 Environment Management System
- ISO 45001: 2018 Occupational health and safety management systems
- IEC62941:2019 Photovoltaic Module Manufacturer Quality Management System



400-0835-985

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## Electrical Data (STC)

Maximum Power (Pmax/W)	380	385	390	395	400
Open Circuit Voltage (Voc/V)	37.00	37.15	37.3	37.45	37.60
Short Circuit Current (Isc/A)	12.84	12.96	13.07	13.19	13.30
Voltage at Maximum Power (Vmp/V)	30.45	30.60	30.75	30.90	31.05
Current at Maximum Power (Imp/A)	12.48	12.59	12.69	12.79	12.89
Module Efficiency (%)	17.97	18.20	18.44	18.68	18.91
Operating Temperature	-40° C~+85° C				
Maximum System Voltage	1000/1500V				
STC (Standard Testing Conditions): Irradiance 1000W/m <sup>2</sup> , Cell Temperature 25°C, AM1.5					

## Electrical Data (NMOT)

Maximum Power (Pmax/W)	284	288	292	296	300
Open Circuit Voltage (Voc/V)	35.07	35.22	35.37	35.52	35.67
Short Circuit Current (Isc/A)	10.46	10.56	10.66	10.76	10.86
Voltage at Maximum Power (Vmp/V)	28.6	28.75	28.9	29.05	29.2
Current at Maximum Power (Imp/A)	9.94	10.03	10.11	10.2	10.28
NMOT (Nominal Module Operating Temperature): Irradiance 800W/m <sup>2</sup> , Ambient Temperature 20°C, AM1.5, Wind Speed 1m/s.					

## Mechanical Data

Cell Type	182×91mm
Cell Orientation	108(9×12)
Module Dimensions	2250×940×2.8mm
Weight	7.5kg
Backsheet	white
Frame Material	no border
Junction Box	Protection class IP68
Cable	4.0 mm <sup>2</sup> positive pole: 200 mm negative pole: 250 mm wire length can be customized
Connector	MC4 compatible connector

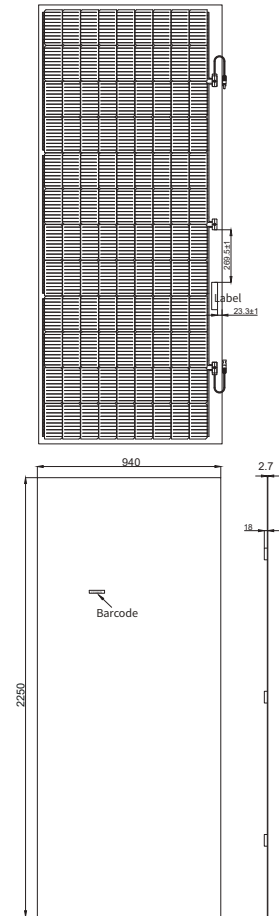
## Temperature Coefficients

Temperature Coefficient (Pm)	-0.340%/°C
Temperature Coefficient (Voc)	-0.270%/°C
Temperature Coefficient (Isc)	0.048%/°C
NMOT (Nominal Module Operating Temperature)	41±3°C

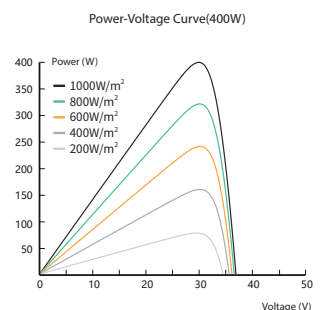
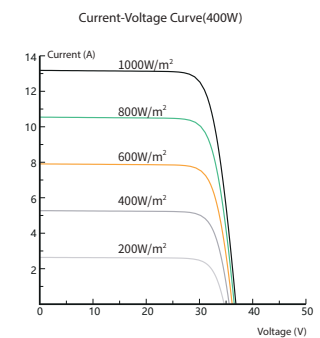
## Packaging

Transportation methods	Number of modules per cabinet	Number of modules per pallet
40HQ container	1400pcs	70pcs +70pcs

## Module Dimensions (mm)



## I-V Curve



Data contained in these specifications is subject to change without notice.

Haitai Solar reserves the right to final interpretation of content.

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